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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/737,013 |
| | | Filing Date | December 16, 2003 |
| | | First Named Inventor | Dennis Michael Connolly |
| | | Group Art Unit | 1637 |
| | | Examiner Name | Stephanie K. Mummert |
| Total Number of Pages in This Submission | 2 | Attorney Docket Number | 201448/443 |

| ENCLOSURES (check all that apply) | | |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply (\$ _____) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request (_____) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement (\$ _____) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Notice to File Missing Parts/ Incomplete Application (\$ _____) <input type="checkbox"/> A copy of the Notice to File Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition (\$ _____) <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer (\$ _____) <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (\$ _____) (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input checked="" type="checkbox"/> A self-addressed, prepaid postcard for acknowledging receipt <input type="checkbox"/> Check in the amount of \$ _____ <input type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> Payment by Credit Card. Form PTO-2038 is attached. |
| Remarks | <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. <u>50-3519</u> for the above identified docket number. | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
|--|------------------------------|-------------------------|
| Firm or Individual name | Integrated Nano-Technologies | |
| | Dennis M. Connolly | |
| Signature | | Registration No. 40,964 |
| Date | 7/27/06 | |

| CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] | |
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| Date | 7/27/06 |
| | Signature Donna L. Florack Typed or printed name |



PATENT
Docket No.: 201448/443

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | | |
|------------|---|--|---|--------------|
| Applicant | : | Dennis Michael Connolly |) | Examiner: |
| Serial No. | : | 10/737,013 |) | Stephanie K. |
| Cnfrm. No. | : | 5578 |) | Mummert |
| Filed | : | December 16, 2003 |) | Art Unit: |
| For | : | CHEMICALLY ASSEMBLED NANO-SCALE CIRCUIT ELEMENTS |) | 1637 |

RESPONSE TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the July 3, 2006 written restriction requirement, applicants hereby elect Group I (i.e. claims 72-90), drawn to a circuit comprising at least one circuit element wherein at least one circuit element comprises a nucleic acid template, classified in class 536, subclass 23.1 with traverse.

However, applicants submit that all groups of the invention identified in the outstanding office action are closely related and, therefore, would require common areas of search and consideration. Thus, there is no benefit in having these groups of claims examined and prosecuted in separate applications.

In view of the foregoing, applicants submit that the claims of Groups I and II should be examined on the merits at this time.

Respectfully submitted,

Date: 7/27/06

D. M. Connolly
Dennis M. Connolly
Registration No. 40,964

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

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7/27/06
Date

Donna L. Florack
Signature

Donna L. Florack
Type or Print Name